

Open File Envelope

No. 2297

MLS 3711-3714

KANMANTOO

SUMMARY REPORT ON EXPLORATION CARRIED OUT DURING 1973

Submitted by
Mines Exploration Pty Ltd
1973

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AND RESOURCES SA**

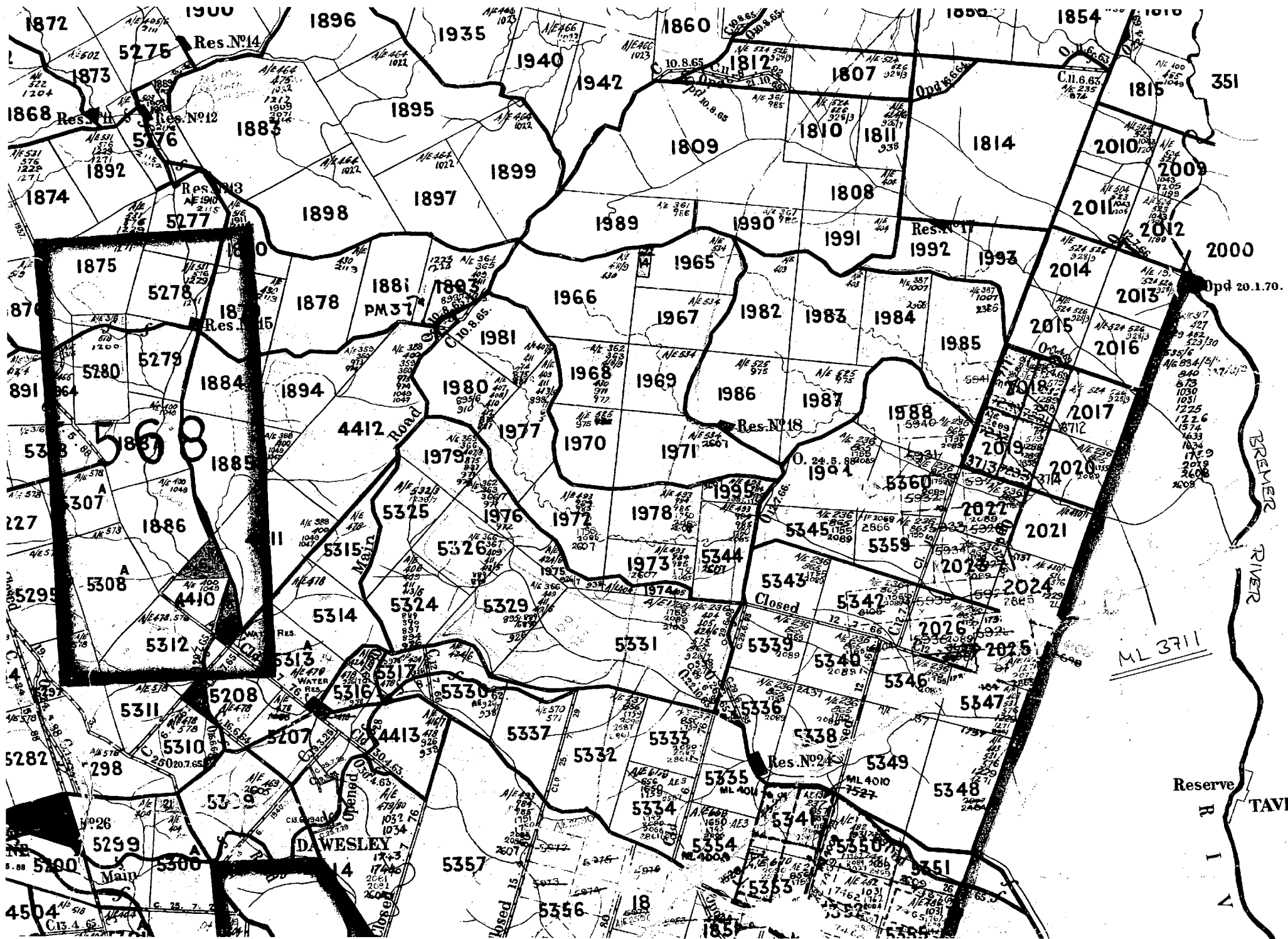
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2

Antony
Glimster

435 GEC:DLF
29th August, 1973.

The Director of Mines,
Box 38, Rundle Street Post Office,
ADELAIDE. S.A.. 5000


Dear Sir,

MINERAL LEASES 3711 to 3714

We refer to your letter DM984/71 IPY:PAL dated 18th July, 1973, and now enclose a "Summary of Exploration Carried out on Mineral Leases Nos. 3711-3714", together with relevant figures 1 to 6.

We trust this information will assist you.

Yours faithfully,


for J.K. ROGERS,
CHIEF GEOLOGIST.

MINES EXPLORATION PROPRIETARY LIMITED
(Incorporated in the State of Victoria)

SUMMARY OF EXPLORATION CARRIED OUT ON MINERAL
LEASES NOS. 3711-3714

Exploration activities were largely confined to Mineral Lease No. 3711, where resolution was undertaken of an airborne magnetics anomaly.

The airborne magnetics anomaly was confirmed and detailed by ground magnetometer traversing with station intervals at 50 ft. on lines spaced at 100 ft. A contoured magnetics plan is enclosed (figure 1).

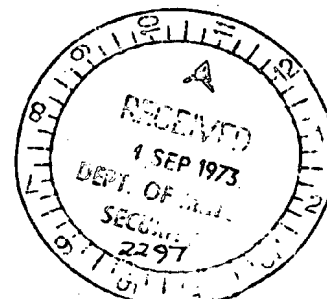
Induced polarisation surveying was carried out on three lines spaced at 300 ft. crossing the magnetics anomaly. Anomalous I.P. effects were recorded, and the I.P. profiles are enclosed (figures 2-5).

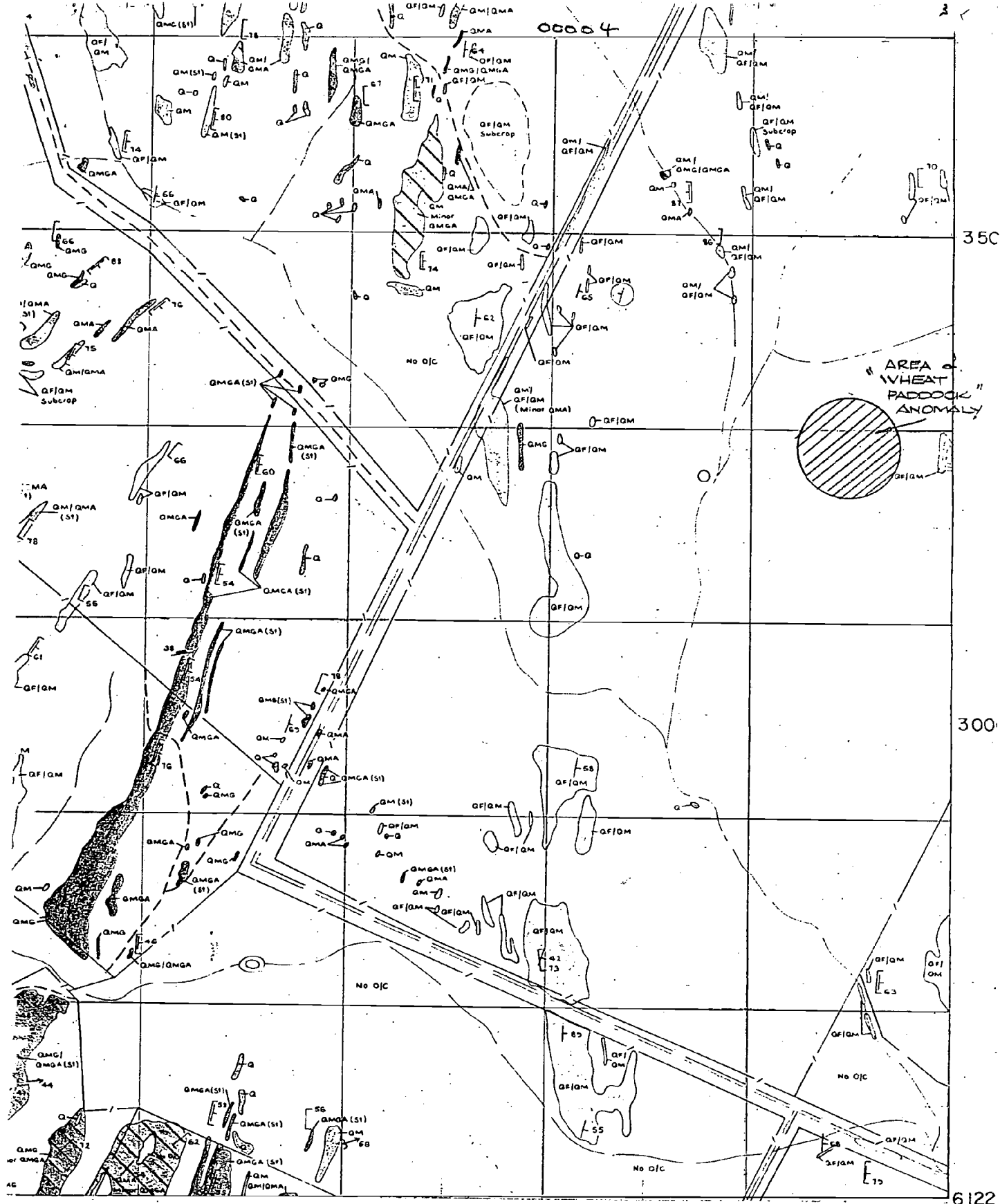
A diamond drill hole, DD.WP1, was drilled to a depth of 654 ft. to test the source of the anomalous magnetics and I.P. effects. A summary core log is as follows:

<u>From</u> <u>(ft.)</u>	<u>To</u> <u>(ft.)</u>	
0	86	Quartz mica schist, weathered.
86	103	Quartz mica schist, partly weathered.
103	110	Quartz sericite schist, highly sheared.
110	427	Quartz mica schist, minor white quartz veins. Magnetite with lesser pyrite occurs over the interval 213 ft. - 410 ft. and within this interval is strongest in the section 213 ft. - 305 ft. The most solid magnetite sections are as follows:
		231'7" - 231'9" = 2" Strong pyrite and magnetite.
		237'8" - 238' = 4" Massive magnetite with coarse pyrite.
		286'4" - 286'6" = 2" Massive magnetite with coarse pyrite.
		289'9" - 290' = 3" Massive magnetite with coarse pyrite.
427	538	Fine grained quartz mica schist, minor pink quartz veins.
538	583	Garnet sericite biotite schist, the sericite occurring as clots and trains and apparently formed after andalusite.
583	654	Fine grained quartz mica schist.

199.34

A section of DD.WP1 is enclosed (figure 6).





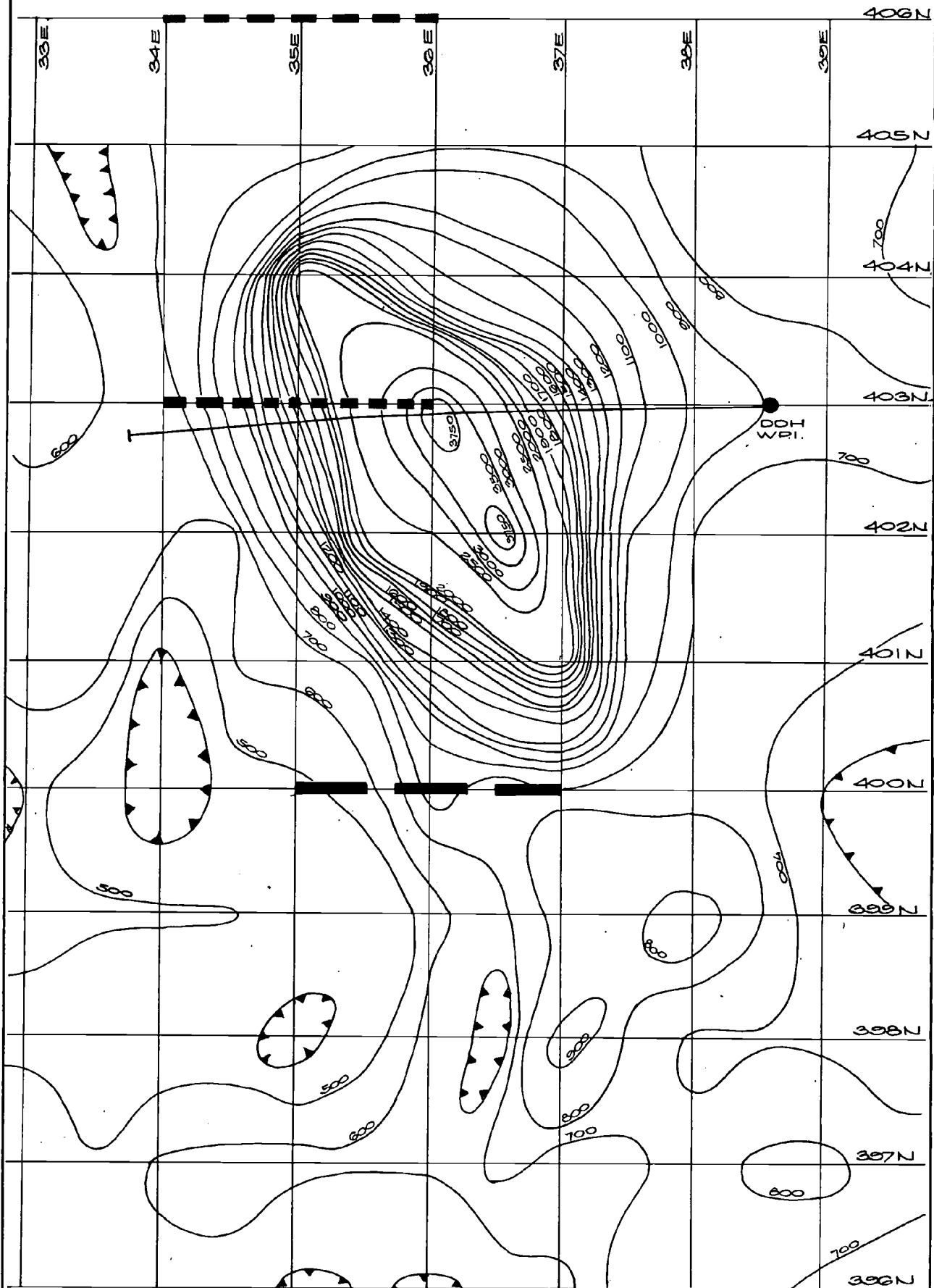
TOO MINES LIMITED
GEOLOGY OFFICE

DRAWING No.

GEOLOGICAL PLAN
SCALE 1:5000

K/241

00005

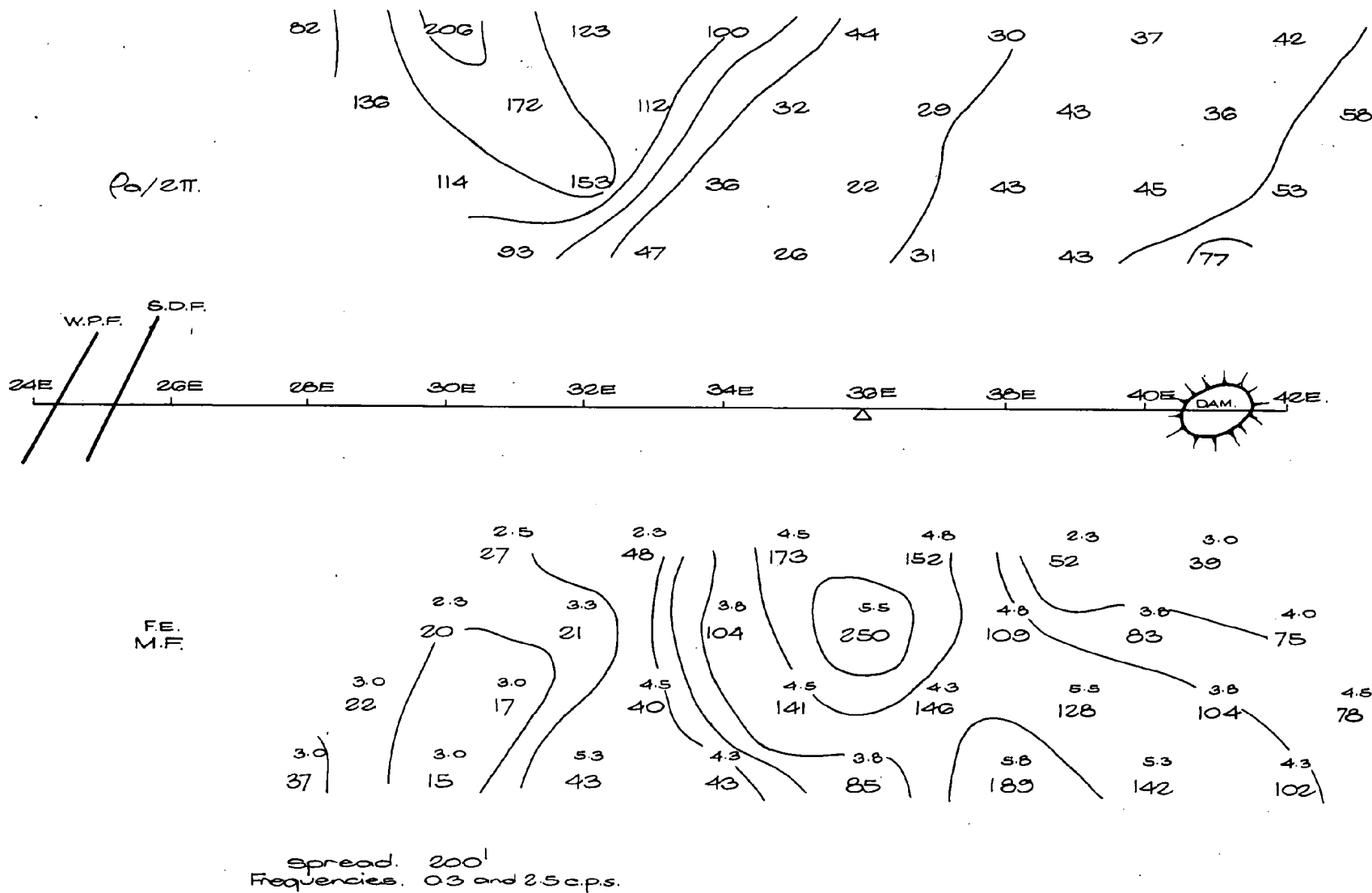


— — — — — I.P. Anomalies.

Contour Interval 100 gammas.

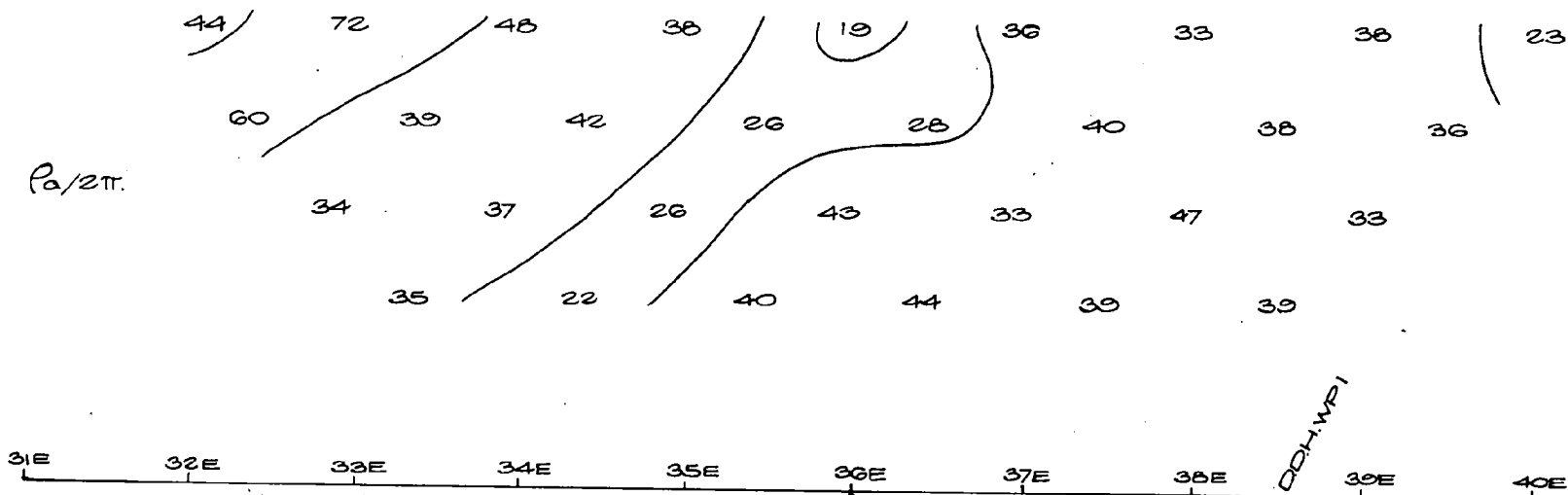
MAPPED			MINES EXPLORATION PROPRIETARY LIMITED	SCALE 1"=100ft.	
DRAWN	D.A.B.	28.8.73		GROUND MAGNETICS CONTOUR PLAN. WHEAT Paddock. KANMANTOO S.A.	FIGURE NO. 1.
CHECKED	D.A.B.	28.8.73			ORG. NO.
REVISED					
PLAN INDEX	KANMANTOO GENERAL				

00006



MAPPED	O.T.	9.9.69	MINES EXPLORATION PROPRIETARY LIMITED	SCALE	1" = 200'
DRAWN	D.A.B.	29.6.73	WHEAT Paddock	FIGURE NO.	2.
CHECKED	D.A.B.	29.6.73	I.P. PROFILE LINE 400N.	DRG. NO.	
REVISED			KANMANTOO S.A.		
PLAN INDEX	GENERAL				

00007



31E 32E 33E 34E 35E 36E 37E 38E 39E 40E

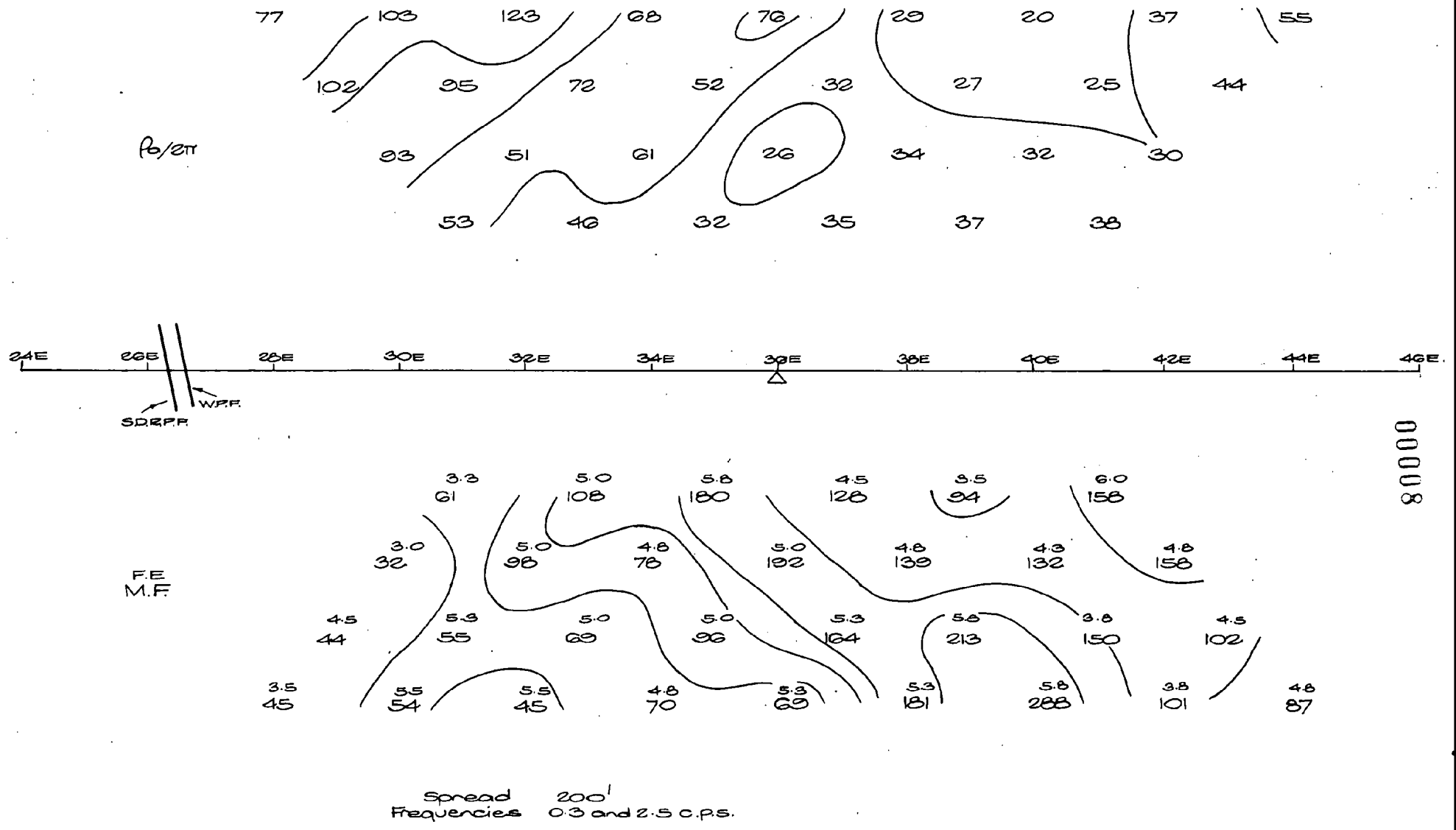
FE.
M.F.

Spread 200'
Frequencies 0.3 and 2.5 cps.

Magnetite and lesser
pyrite

MAPPED	J.T.	9.9.00.	MINES EXPLORATION PROPRIETARY LIMITED	WHEAT PADDOCK I.P. PROFILES LINE 403N. KANMANTOO S.A.	SCALE 1"=200 ft.
DRAWN	D.A.B.	20.8.73.			FIGURE NO. 3.
CHECKED	D.A.B.	20.8.73.			DRG. NO.
REVISED					
PLAN INDEX	KANMANTOO GENERAL.				

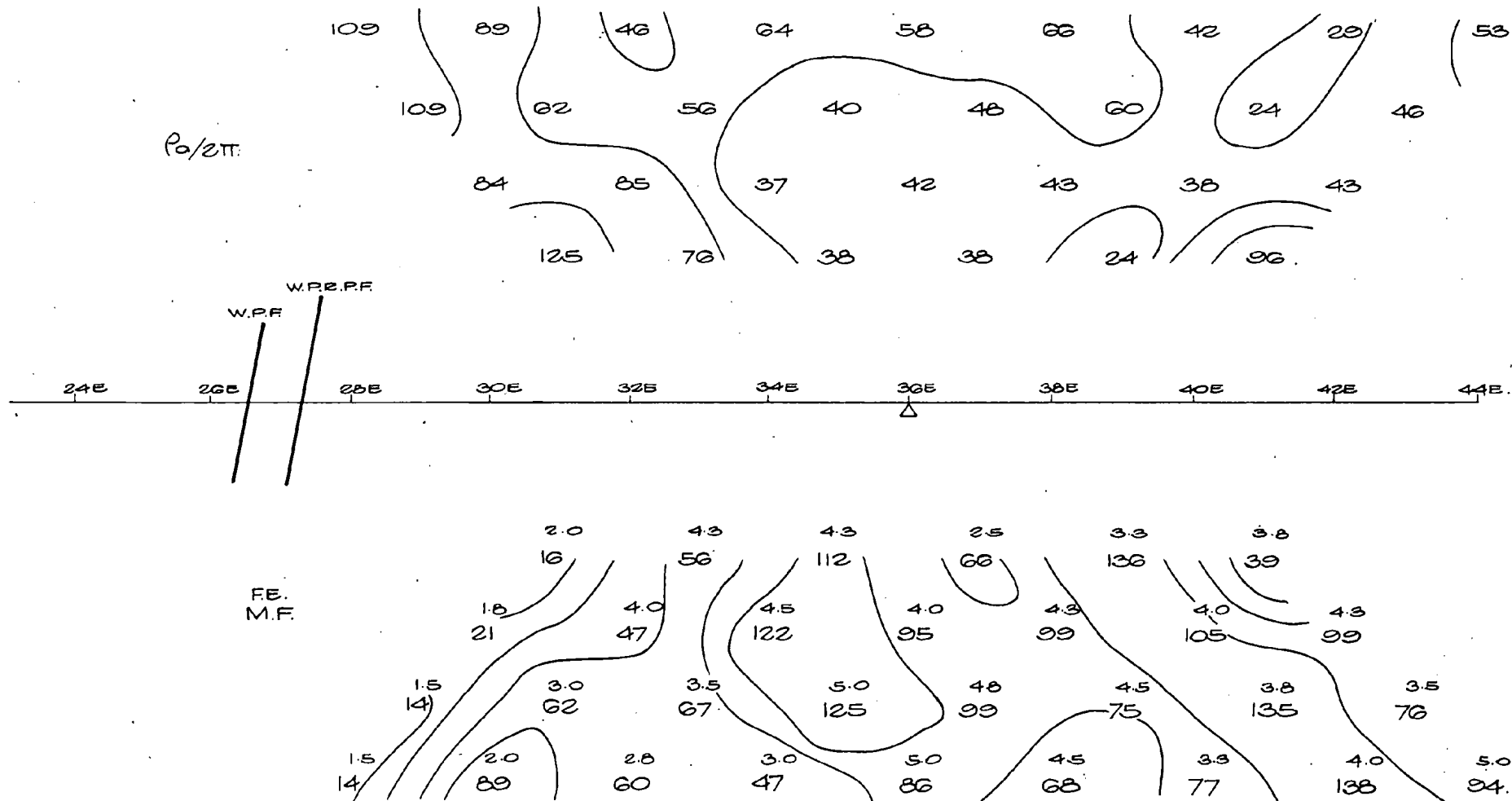
MAPPED	J.T.	9.9.69	MINES EXPLORATION PROPRIETARY LIMITED	SCALE 1" = 200 ft.
DRAWN	D.A.B.	26.6.79		
CHECKED	D.A.B.	28.8.79		
REVISED				
PLAN INDEX KANMANTOO GENERAL			WHEAT Paddock. I.P. PROFILE LINE 403N. KANMANTOO S.A.	FIGURE NO. 4.
			DRG. NO.	



00008

Spread 200'
Frequencies 0.3 and 2.5 c.p.s.

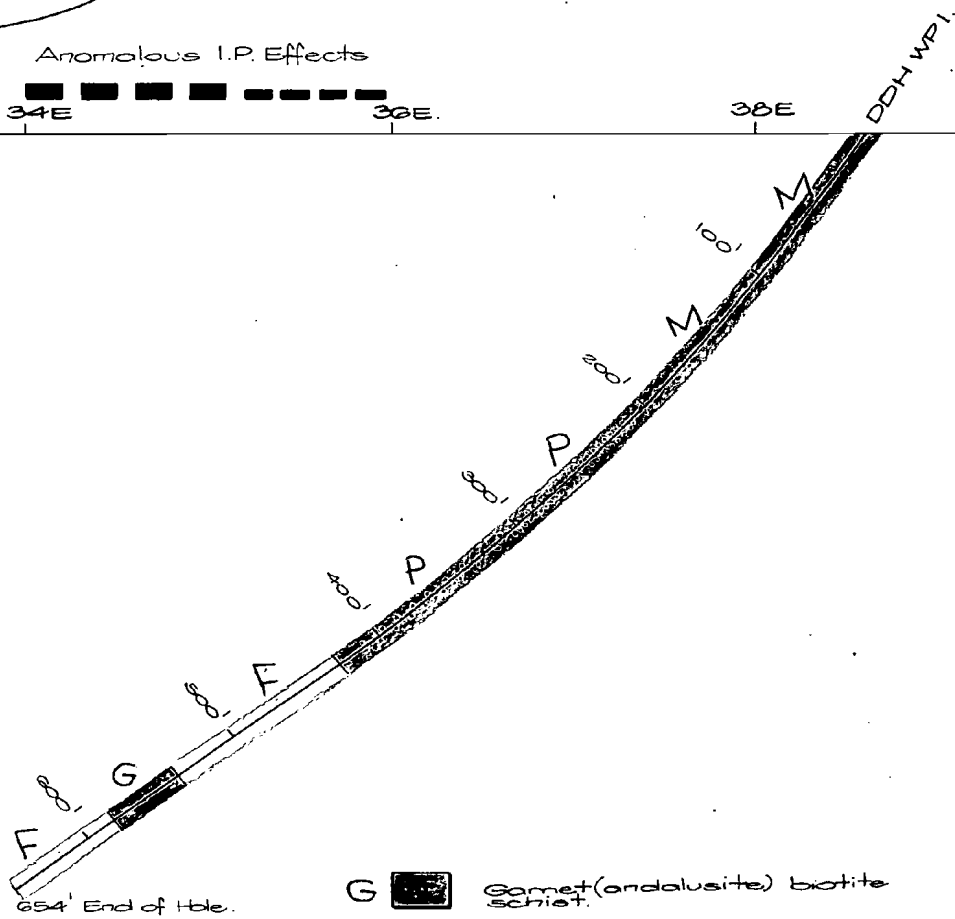
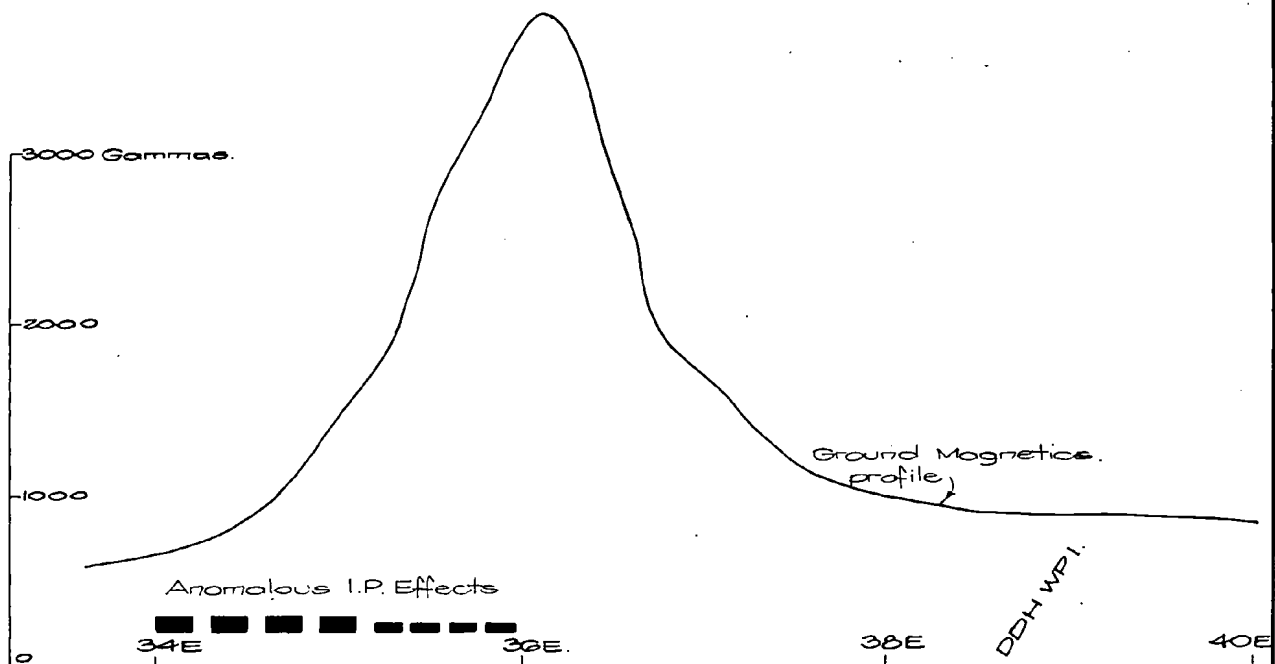
00009



Spread 200'
Frequencies 0.3 and 2.5 c.p.s.

MAPPED	D.T.	9.9.69	MINES EXPLORATION PROPRIETARY LIMITED	SCALE 1"=200ft.
DRAWN	D.A.B.	26.6.75.		
CHECKED	D.A.B.	26.6.75.		
REVISED				
PLAN INDEX	KANMANTOO GENERAL.		WHEAT PADDOCK I.P. PROFILE LINE 408N. KANMANTOO S.A.	FIGURE NO. 5.
			DRG. NO.	

00010



- G Garnet(andalusite) biotite schist.
- F Fine grained quartz mica schist.
- M Quartz mica schist
- P Quartz mica schist with magnetite and lesser pyrite.

MAPPED			MINES EXPLORATION PROPRIETARY LIMITED	SCALE 1" = 100 feet.
DRAWN	D.A.B.	27.8.73		FIGURE NO. 6.
CHECKED	D.A.B.	28.8.73.	SECTION LINE 403N DDH WPI. KANMANTOO S.A.	DRG. NO.
REVISED				
PLAN INDEX	KANMANTOO GENERAL.			